CLAIMS

What is claimed is:

1. A system for providing a simultaneous ring service for a subscriber, comprising:

a switch in communication with a landline telecommunications unit associated with the subscriber for detecting a first terminating trigger specific to the service in response to an incoming communication to the landline telecommunications unit from a calling party;

a service control point in communication with the switch for determining, in response to detection of the first terminating trigger by the switch, whether the landline telecommunications unit and an associated wireless telecommunications unit of the subscriber are available; and

a services node in communication with the switch for receiving the incoming communication from the switch when the service control point determines that both the landline telecommunications unit and the wireless telecommunications unit are available, and, in response thereto, for placing first and second outgoing communications,

wherein the switch is further for routing the second outgoing communication to the landline telecommunication unit and for detecting a second terminating trigger in response to the first outgoing communication, and

wherein the service control point, in response to detection of the second terminating trigger by the switch, is further for instructing the switch to route the second outgoing communication to the wireless telecommunications unit.

2. The system of claim 1, wherein the services node is further for:

connecting the incoming communication to the landline telecommunications unit when the landline telecommunications unit is answered before the wireless telecommunications unit; and

connecting the incoming communication to the wireless telecommunications unit when the wireless telecommunications unit is answered before the landline telecommunications unit.

3. The system of claim 2, wherein the services node is further for:

dropping the first outgoing communication when the landline telecommunications unit is answered before the wireless telecommunications unit; and

dropping the second outgoing communication when the wireless telecommunications unit is answered before the landline telecommunications unit.

4. The system of claim 3, wherein the service control point includes an associated database storing a directory number associated with the wireless telecommunications unit, and wherein the services node is not for storing the directory number associated with the wireless telecommunications unit.

5. The system of claim 1, wherein the services node is further for placing the second outgoing communication a predetermined time period after placing the first outgoing communication.

6. The system of claim 1, wherein the service control point is for determining whether the landline telecommunications unit is available by sending a query message to the switch requesting a status of the landline telecommunications unit.

7. The system of claim 6, wherein the service control point is for determining whether the wireless telecommunications unit is available by sending a query message to a home location register requesting the status of the wireless telecommunications unit.

8. The system of claim 7, wherein the service control point is further for determining that the wireless telecommunications unit is available when the home location register does not respond to the query message within a predetermined time period.

9. The system of claim 1, wherein the service control point is further for instructing the switch to route the incoming communication to the landline telecommunications unit when the service control point determines that at least one of the landline telecommunications unit and the wireless telecommunications unit are not available.

10. A method for providing a simultaneous ring service for a subscriber, comprising:

detecting an incoming communication from a calling party to a landline telecommunications unit associated with the subscriber;

determining, in response to detection of the incoming communication, whether the landline telecommunications unit and an associated wireless telecommunications unit of the subscriber are available;

placing first and second outgoing communications when both the landline telecommunications unit and the wireless telecommunications unit are available;

routing the second outgoing communication to the landline telecommunication unit;

detecting a trigger in response to the first outgoing communication; and

routing, in response to detection of the trigger, the first communication to the wireless telecommunications unit.

11. The method of claim 10, further comprising:

connecting the incoming communication to the landline telecommunications unit when the landline telecommunications unit is answered before the wireless telecommunications unit; and

connecting the incoming communication to the wireless telecommunications unit when the wireless telecommunications unit is answered before the landline telecommunications unit.

12. The method of claim 11, further comprising:

dropping the first outgoing communication when the landline telecommunications unit is answered before the wireless telecommunications unit; and

dropping the second outgoing communication when the wireless telecommunications unit is answered before the landline telecommunications unit.

13. The method of claim 10, wherein placing the first and second outgoing communications includes placing the first outgoing communication a predetermined time period before placing the second outgoing communication.

14. The method of claim 10, wherein determining whether the landline telecommunications unit is available includes sending a query message requesting a status of the landline telecommunications unit.

15. The method of claim 14, wherein determining whether the wireless telecommunications unit is available includes sending a query message to a home location register requesting a status of the wireless telecommunications unit.

16. The method of claim 15, wherein determining whether the wireless telecommunications unit is available includes determining that the wireless telecommunications unit is available when the home location register does not respond to the query message within a predetermined time period.

17. The method of claim 10, further comprising routing the incoming communication to the landline telecommunications unit when it is determined that at least one of the landline telecommunications unit and the wireless telecommunications unit are not available.

18. A system for providing a simultaneous ring service for a subscriber, comprising:

means for detecting an incoming communication from a calling party to a landline telecommunications unit associated with the subscriber;

programmable determination means for determining, in response to detection of the incoming communication, whether the landline telecommunications unit and an associated wireless telecommunications unit of the subscriber are available;

programmable service means for placing first and second outgoing communications when both the landline telecommunications unit and the wireless telecommunications unit are available;

switching means for routing the second outgoing communication to the landline telecommunications unit;

means for detecting a trigger in response to the first outgoing communication; and

switching means for routing, in response to detection of the trigger, the first communication to the wireless telecommunications unit.

19. The system of claim 18, wherein the programmable service means further include:

programmable switching means for connecting the incoming communication to the landline telecommunications unit when the landline telecommunications unit is answered before the wireless telecommunications unit; and

programmable switching means for connecting the incoming communication to the wireless telecommunications unit when the wireless telecommunications unit is answered before the landline telecommunications unit.

20. The system of claim 19, wherein the programmable service means further include:

programmable means for dropping the first outgoing communication when the landline telecommunications unit is answered before the wireless telecommunications unit; and

programmable means for dropping the second outgoing communication when the wireless telecommunications unit is answered before the landline telecommunications unit.

21. The system of claim 18, wherein the programmable service means for placing the first and second outgoing communications includes programmable service means for placing the first outgoing communication a predetermined time period before placing the second outgoing communication.

22. The system of claim 18, wherein the programmable means for determining whether the landline telecommunications unit is available includes programmable means for sending a query message requesting a status of the landline telecommunications unit.

23. The system of claim 22, wherein the programmable means for determining whether the wireless telecommunications unit is available includes programmable means sending a query message to a home location register requesting a status of the wireless telecommunications unit.

24. The system of claim 23, wherein the programmable means for determining whether the wireless telecommunications unit is available includes programmable means for

determining that the wireless telecommunications unit is available when the home location register does not respond to the query message within a predetermined time period.

25. The system of claim 18, further comprising switching means for routing the incoming communication to the landline telecommunications unit when it is determined that at least one of the landline telecommunications unit and the wireless telecommunications unit are not available.